

Refine Search

Search Results -

Terms	Documents
(double adj walled adj microcapsules) and L9	0

Database:

US Pre-Grant Publication Full-Text Database
 US Patents Full-Text Database
 US OCR Full-Text Database
 EPO Abstracts Database
 JPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Search:

L31

Refine Search

Recall Text

Clear

Interrupt

Search History

 DATE: Friday, October 01, 2004 [Printable Copy](#) [Create Case](#)

<u>Set</u> <u>Name</u> side by side	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
	<i>DB=PGPB,USPT; PLUR=YES; OP=OR</i>		
<u>L31</u>	(double adj walled adj microcapsules) and L9	0	<u>L31</u>
<u>L30</u>	(double adj walled adj microcapsules) and L11	0	<u>L30</u>
<u>L29</u>	(double adj walled adj microcapsules) and L6	15	<u>L29</u>
<u>L28</u>	(double adj walled adj capsules) and L6	13	<u>L28</u>
<u>L27</u>	(double adj walled adj capsules) and L8	0	<u>L27</u>
<u>L26</u>	(double adj walled adj capsules) and L10	0	<u>L26</u>
<u>L25</u>	(double adj walled adj capsules) and (L16 or I13)	0	<u>L25</u>
<u>L24</u>	(double adj walled adj capsules) and (L22 or I20)	0	<u>L24</u>
<u>L23</u>	I12 and L22	0	<u>L23</u>
<u>L22</u>	(424/463)![CCLS]	277	<u>L22</u>
<u>L21</u>	I12 and L20	3	<u>L21</u>
<u>L20</u>	(424/497)[CCLS]	1193	<u>L20</u>
<u>L19</u>	(424/497)![CCLS]	1193	<u>L19</u>

<u>L18</u>	(424/497)[CCLS]	1193	<u>L18</u>
<u>L17</u>	L16 and l12	0	<u>L17</u>
<u>L16</u>	(427/213.36)[CCLS]	207	<u>L16</u>
<u>L15</u>	l12 and L13	0	<u>L15</u>
<u>L14</u>	l12 and L13	0	<u>L14</u>
<u>L13</u>	(427/213.31)![CCLS]	187	<u>L13</u>
<u>L12</u>	(polyanhydride\$ or styrene adj maleic adj anhydride or acrylic or ppolysaccharide\$) and l10	10	<u>L12</u>
<u>L11</u>	(polyanhydride\$ or styrene adj maleic adj anhydride or acrylic or ppolysaccharide\$ or polyacrylamide\$) and l10	101	<u>L11</u>
<u>L10</u>	(formaldehyde or polyacrylamide\$ or phenoxy adj resins or polyisocyanate\$) and l8	101	<u>L10</u>
<u>L9</u>	particles and L8	135	<u>L9</u>
<u>L8</u>	(solid or pesticide\$ or chemical\$ or drug\$ or actives) and L7	137	<u>L8</u>
<u>L7</u>	(acidify or lower\$ adj pH) and l5	137	<u>L7</u>
<u>L6</u>	(microcapsules or microspheres or beadlets or beads) and L5	780	<u>L6</u>
<u>L5</u>	(double or dual) same (wall or walled or shell\$) and L3	1433	<u>L5</u>
<u>L4</u>	(double or dual) same (wall or walled or shell\$) aand L3	125326	<u>L4</u>
<u>L3</u>	(water or aqueous or emulsion) and encapsulat\$3 and polymer\$7 and heat\$3	43170	<u>L3</u>
<u>L2</u>	(water or aqueous or emulsion) and encapsulat\$3 and polymer\$ and heat\$3	43171	<u>L2</u>
<u>L1</u>	(water or aqueous or emulsion) and encapsulat\$3 and polymer\$ and heat\$3	43171	<u>L1</u>

END OF SEARCH HISTORY

Hit List

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Generate OACS				

Search Results - Record(s) 1 through 1 of 1 returned.

☐ 1. Document ID: US 5858531 A

L34: Entry 1 of 1

File: USPT

Jan 12, 1999

US-PAT-NO: 5858531

DOCUMENT-IDENTIFIER: US 5858531 A

**** See image for Certificate of Correction ****

TITLE: Method for preparation of polymer microparticles free of organic solvent traces

DATE-ISSUED: January 12, 1999

US-CL-CURRENT: 428/402; 264/4.4, 264/5, 264/7, 264/9, 424/425, 424/486, 428/402.24, 514/963

APPL-NO: 08/ 736421 [PALM]

DATE FILED: October 24, 1996

Full	Title	Citation	Front	Review	Classification	Date	Reference	Seq. No.	Attachments	Claims	KIMC	Draw De
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Terms	Documents
US-5858531-A.did.	1

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Search Results - Record(s) 1 through 4 of 4 returned.

☐ 1. Document ID: JP 2002144737 A

L33: Entry 1 of 4

File: DWPI

May 22, 2002

DERWENT-ACC-NO: 2002-593694

DERWENT-WEEK: 200281

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TITLE: Double-walled microcapsule used for image recording sheet, is obtained by reacting alcohol with capsule having color material and wall membrane of heat-resistant synthetic resin, coating wax on capsule surface

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Attachments	Claims	KMMC	Draw De
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☐ 2. Document ID: DE 69713787 E, WO 9817710 A1, AU 9747693 A, US 5858531 A, EP 934353 A1, EP 934353 B1

L33: Entry 2 of 4

File: DWPI

Aug 8, 2002

DERWENT-ACC-NO: 1998-348063

DERWENT-WEEK: 200259

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TITLE: New method for the production of polymer microparticles - useful in pharmaceuticals as matrix carriers for controlled drug delivery.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Attachments	Claims	KMMC	Draw De
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☐ 3. Document ID: US 5180637 A, JP 3149092 B2, JP 05007767 A

L33: Entry 3 of 4

File: DWPI

Jan 19, 1993

DERWENT-ACC-NO: 1993-052833

DERWENT-WEEK: 200126

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TITLE: Double walled microcapsules used in recording or display materials - comprise hydrophobic cpd. as core, amino resin as prim. wall and sec. wall formed from polyion complex of cationic polyamide epihalohydrin resin with polystyrene sulphonic acid

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Attachments	Claims	KMMC	Draw De
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☒ 4. Document ID: US 4076774 A

L33: Entry 4 of 4

File: DWPI

Feb 28, 1978

DERWENT-ACC-NO: 1978-21441A

DERWENT-WEEK: 197811

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TITLE: Double-walled microcapsule obtd. by polymerising both walls in situ - pref. having inner polyurethane wall and outer polyurea wall, and contg. e.g. polymerisation catalyst for use in coating compsn.

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	Claims	KWIC	Draw. Des
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Terms	Documents
(double adj walled adj microcapsules)	4

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Hit List

Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs
Generate OACS				

Search Results - Record(s) 1 through 3 of 3 returned.

- ☒ 1. Document ID: US 4273672 A

Using default format because multiple data bases are involved.

L21: Entry 1 of 3

File: USPT

Jun 16, 1981

US-PAT-NO: 4273672

DOCUMENT-IDENTIFIER: US 4273672 A

TITLE: Microencapsulation process

DATE-ISSUED: June 16, 1981

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Vassiliades; Anthony E.	Deerfield	IL		

US-CL-CURRENT: 264/4.1; 264/4.3, 424/401, 424/418, 424/491, 424/497, 426/98,
428/402.2, 428/402.22, 428/914, 503/215, 71/64.11

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KWMC	Draw. De
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- ☒ 2. Document ID: US 3886084 A

L21: Entry 2 of 3

File: USPT

May 27, 1975

US-PAT-NO: 3886084

DOCUMENT-IDENTIFIER: US 3886084 A

TITLE: MICROENCAPSULATION SYSTEM

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstract	Abstract	Claims	KWMC	Draw. De
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- ☒ 3. Document ID: US 3726803 A

L21: Entry 3 of 3

File: USPT

Apr 10, 1973

US-PAT-NO: 3726803

DOCUMENT-IDENTIFIER: US 3726803 A

**** See image for Certificate of Correction ****

TITLE: CAPSULE WALL TREATING PROCESS UTILIZING CONDENSATION POLYMERIZATION AND
CAPSULE PRODUCT

L29: Entry 6 of 15

File: USPT

Nov 16, 1999

US-PAT-NO: 5985312

DOCUMENT-IDENTIFIER: US 5985312 A

**** See image for Certificate of Correction ****TITLE: Methods and compositions for enhancing the bioadhesive properties of polymers

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 7. Document ID: US 5955096 A

L29: Entry 7 of 15

File: USPT

Sep 21, 1999

US-PAT-NO: 5955096

DOCUMENT-IDENTIFIER: US 5955096 A

**** See image for Certificate of Correction ****TITLE: Methods and compositions for enhancing the bioadhesive properties of polymers using organic excipients

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☐ 8. Document ID: US 5858531 A

L29: Entry 8 of 15

File: USPT

Jan 12, 1999

US-PAT-NO: 5858531

DOCUMENT-IDENTIFIER: US 5858531 A

**** See image for Certificate of Correction ****TITLE: Method for preparation of polymer microparticles free of organic solvent traces

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☒ 9. Document ID: US 5180637 A

L29: Entry 9 of 15

File: USPT

Jan 19, 1993

US-PAT-NO: 5180637

DOCUMENT-IDENTIFIER: US 5180637 A

TITLE: Double-walled microcapsules and a process for preparation of same

Full	Title	Citation	Front	Review	Classification	Date	Reference			Claims	KWIC	Draw. De
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☒ 10. Document ID: US 4428983 A

☐ 6. Document ID: US 6663902 B1

L12: Entry 6 of 10

File: USPT

Dec 16, 2003

US-PAT-NO: 6663902

DOCUMENT-IDENTIFIER: US 6663902 B1

TITLE: Method and composition for the generation of chlorine dioxide using Iodo-Compounds, and methods of use

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	References	Claims	KWIC	Draw. De
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☐ 7. Document ID: US 6255367 B1

L12: Entry 7 of 10

File: USPT

Jul 3, 2001

US-PAT-NO: 6255367

DOCUMENT-IDENTIFIER: US 6255367 B1

TITLE: Polymeric modifying agents

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	References	Claims	KWIC	Draw. De
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☒ 8. Document ID: US 4273672 A

L12: Entry 8 of 10

File: USPT

Jun 16, 1981

US-PAT-NO: 4273672

DOCUMENT-IDENTIFIER: US 4273672 A

TITLE: Microencapsulation process

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	References	Claims	KWIC	Draw. De
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☒ 9. Document ID: US 3886084 A

L12: Entry 9 of 10

File: USPT

May 27, 1975

US-PAT-NO: 3886084

DOCUMENT-IDENTIFIER: US 3886084 A

TITLE: MICROENCAPSULATION SYSTEM

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	References	Claims	KWIC	Draw. De
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☒ 10. Document ID: US 3726803 A

L12: Entry 10 of 10

File: USPT

Apr 10, 1973

US-PAT-NO: 3726803

DOCUMENT-IDENTIFIER: US 3726803 A

**** See image for Certificate of Correction ****TITLE: CAPSULE WALL TREATING PROCESS UTILIZING CONDENSATION POLYMERIZATION AND
CAPSULE PRODUCT

Full	Title	Citation	Front	Review	Classification	Date	Reference	Abstracts	Abstracts	Claims	KMIC	Draw. De
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Clear	Generate Collection	Print	Fwd Refs	Bkwd Refs	Generate OACS
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Terms	Documents
(polyanhydride\$ or styrene adj maleic adj anhydride or acrylic or ppolysaccharide\$) and L10	10

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Refine Search

Search Results -

Terms	Documents
L12 and L22	0

Database:

US Pre-Grant Publication Full-Text Database
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Search:

L23

Search History

DATE: Friday, October 01, 2004
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<u>Set</u> <u>Name</u>	<u>Query</u>	<u>Hit</u> <u>Count</u>	<u>Set</u> <u>Name</u> result set
side by side			
<i>DB=PGPB,USPT; PLUR=YES; OP=OR</i>			
<u>L23</u>	l12 and L22	0	<u>L23</u>
<u>L22</u>	(424/463)![CCLS]	277	<u>L22</u>
<u>L21</u>	l12 and L20	3	<u>L21</u>
<u>L20</u>	(424/497)[CCLS]	1193	<u>L20</u>
<u>L19</u>	(424/497)![CCLS]	1193	<u>L19</u>
<u>L18</u>	(424/497)[CCLS]	1193	<u>L18</u>
<u>L17</u>	L16 and l12	0	<u>L17</u>
<u>L16</u>	(427/213.36)[CCLS]	207	<u>L16</u>
<u>L15</u>	l12 and L13	0	<u>L15</u>
<u>L14</u>	l12 and L13	0	<u>L14</u>
<u>L13</u>	(427/213.31)![CCLS]	187	<u>L13</u>
<u>L12</u>	(polyanhydride\$ or styrene adj maleic adj anhydride or acrylic or ppolysaccharide\$) and l10	10	<u>L12</u>

<u>L11</u>	(polyanhydride\$ or styrene adj maleic adj anhydride or acrylic or polysaccharide\$ or polyacrylamide\$) and l10	101	<u>L11</u>
<u>L10</u>	(formaldehyde or polyacrylamide\$ or phenoxy adj resins or polyisocyanate\$) and l8	101	<u>L10</u>
<u>L9</u>	particles and L8	135	<u>L9</u>
<u>L8</u>	(solid or pesticide\$ or chemical\$ or drug\$ or actives) and L7	137	<u>L8</u>
<u>L7</u>	(acidify or lower\$ adj pH) and l5	137	<u>L7</u>
<u>L6</u>	(microcapsules or microspheres or beadlets or beads) and L5	780	<u>L6</u>
<u>L5</u>	(double or dual) same (wall or walled or shell\$) and L3	1433	<u>L5</u>
<u>L4</u>	(double or dual) same (wall or walled or shell\$) and L3	125326	<u>L4</u>
<u>L3</u>	(water or aqueous or emulsion) and encapsulat\$3 and polymer\$7 and heat\$3	43170	<u>L3</u>
<u>L2</u>	(water or aqueous or emulsion) and encapsulat\$3 and polymer\$ and heat\$3	43171	<u>L2</u>
<u>L1</u>	(water or aqueous or emulsion) and encapsulat\$3 and polymer\$ and heat\$3	43171	<u>L1</u>

END OF SEARCH HISTORY